

National Irrigation Administration  
PAMBANSANG PANGASIWAAN NG PATUBIG  
LAGUNA - RIZAL IRRIGATION MANAGEMENT OFFICE  
Pila, Laguna

VARIATION ORDER NO. 1

Name of Project: **MAYOR RIS**  
Location: Famy, Laguna

**TO :** **POWER K CONSTRUCTION SUPPLY & SERVICES**

You are hereby directed to make the herein Changes from Plans and Specifications, or do the following described work included in the plans and specifications

**DESCRIPTION OF THE WORK TO BE DONE:** Construction of Canal System

**REASONS FOR CHANGE:** - Revision due to change of scheme of Plan

**CHANGES REQUESTED BY:** - LRIMO


**WORKS TO BE PERFORMED AT CONTRACT PRICE:**

ITEMIZED QUANTITIES AND COST REVISION ARE ON THE ATTACHED SHEET

We, the undersigned contractors have given careful consideration to the changed proposed hereby agree, if this proposal is approved, we will provide all equipments, furnish all materials except as may otherwise be noted above and perform any all service necessary for the prices shown on the attached sheet

Difference in Cost this Change	(0.70)
Net Cost of Previous Change	
Original Contract Amount	4,585,400.79
Estimated Revised Contract Amount	4,585,401.49


**Note: deductive Amount of Php 42** <sup>0.70</sup> <sub>5.8 11/12/18</sub> <sub>FESJ</sub> **was less than 10% of the total contract price**

Accepted by:  
  
KENNEDY TAN HAW  
Contractor

Prepared by:  
  
MELVIN JAMES A. VALDEZ  
Project In-Charge

Checked by:  
  
LEILANI C. DE LA CRUZ  
Sr. Engineer A

Submitted by:  
  
CHARLIE D. IBARROLA  
Division Manager A

Recommended by:  
  
GLORIOSA L. HERNANDEZ  
Manager  
Eng'g & Operation Division

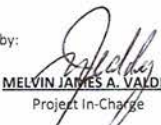
Approved by:  
  
ROMEO M. LOPEZ  
Acting Regional Irrigation Manager

RMA  
FKS - J.S.J


ITEMIZED COST OF REVISION  
MAYOR RIS, Famy, Laguna

Item No.	Scope of Work	Unit	ORIGINAL CONTRACT			REVISED CONTRACT		
			Quantity	Unit Price	Total Amount	Quantity	Unit Price	Total Amount
<b>I. PROPOSED HEADGATE - WEST M.C. EXT'N (1000M AHD-Ricefield)</b>					<b>191,012.17</b>			<b>192,517.97</b>
1.	Class "B" Concrete (Flooring)	cu.m.	0.88	14,391.35	12,644.59		14,391.35	-
2.	Concrete Demolition (Massive)	cu.m.	0.72	128.83	92.76	0.72	128.83	92.76
3.	Manual Excavation	cu.m.	0.63	154.72	97.47	0.63	154.72	97.47
4.	Manual Backfill w/ Spreading & Comp.							
4-a.	Side Borrow	cu.m.	0.54	206.28	111.39	0.54	206.28	111.39
5.	Fab. & Install. Of Steelgate(W5=1260, HS=1050)	unit	1.00	102,944.84	102,944.84	1.00	102,944.84	102,944.84
6.	Fab. & Install. Of Steelgate(W5=660, HS=600)	unit	1.00	75,091.22	75,091.22	1.00	75,091.22	75,091.22
	* Additional item of Works							
7.	Class "A" Concrete (Ordinary)	cu.m.		16,113.97		0.88	16,113.97	14,180.29
<b>II. CANAL SYSTEM WEST M.C. EXT'N</b>					<b>2,986,579.40</b>			<b>2,989,275.58</b>
1.	Class "B" Concrete (Flooring)	cu.m.	77.33	14,391.35	1,112,883.10	77.33	14,391.35	1,112,883.10
2.	Class "B" Concrete (Wall & Tie Beam)	cu.m.	110.08	14,932.85	1,643,808.13	110.08	14,932.85	1,643,808.13
3.	Manual Excavation	cu.m.	285.94	154.72	44,240.64	285.94	154.72	44,240.64
4.	Manual Backfill w/ Spreading & Comp.							
4-a.	Side Borrow	cu.m.	182.12	206.28	37,431.57	181.46	206.28	37,431.57
4-b.	Haul Borrow	cu.m.	117.61	1,258.65	148,079.80	119.90	1,258.65	150,912.14
<b>LAT. A2 (700M AHD Ricefield)</b>					<b>58,017.86</b>			<b>42,205.02</b>
1.	Class "B" Concrete (Flooring)	cu.m.	1.45	14,391.35	20,867.46	1.05	14,391.35	15,110.92
2.	Class "B" Concrete (Wall & Tie Beam)	cu.m.	2.23	14,932.85	33,300.24	1.62	14,932.85	24,191.22
3.	Manual Excavation	cu.m.	2.59	154.72	400.22	1.87	154.72	289.33
4.	Manual Backfill w/ Spreading & Comp.							
4-a.	Side Borrow	cu.m.	2.59	206.28	534.27	1.87	206.28	385.74
4-b.	Haul Borrow	cu.m.	2.34	1,258.65	2,945.24	1.77	1,258.65	2,227.81
<b>III. PROP. ROAD CROSSING- WEST M.C. EXT'N (1000M AHD -Ricefield)</b>					<b>255,369.88</b>			<b>204,987.93</b>
1.	Class "A" Concrete (L-shaped Ret. Wall)	cu.m.	1.91	15,986.84	30,534.86	1.91	15,986.84	30,534.86
2.	Class "A" Concrete (Ordinary)	cu.m.	5.80	16,113.97	93,461.03	5.08	16,113.97	81,858.97
3.	Procurement & Install. Of 18"Ø RCP	pcs.	23.00	5,336.87	122,748.01	16.00	5,336.87	85,389.92
4.	Concrete Demolition	cu.m.	5.60	128.83	721.05	3.60	128.83	463.79
5.	Manual Excavation	cu.m.	29.78	154.72	4,607.56	21.44	154.72	3,317.20
6.	Manual Backfill w/ Spreading & Comp.							
6-a.	Side Borrow	cu.m.	16.08	206.28	3,316.96	13.30	206.28	2,743.52
	* Additional item of Works							
6-b.	Haul Borrow	cu.m.		1,258.65		0.54	1,258.65	679.67
<b>IV. PROP. ELEVATED FLUME</b>					<b>1,094,431.47</b>			<b>1,156,414.99</b>
1.	Class "A" Concrete (Elev. Flume)	cu.m.	67.73	15,986.84	1,082,768.67	70.41	15,986.84	1,125,633.40
2.	Manual Excavation	cu.m.	35.36	154.72	5,470.96	72.96	154.72	11,288.37
3.	Manual Backfill w/ Spreading & Comp.							
3-a.	Side Borrow	cu.m.	29.92	206.28	6,173.90	72.96	206.28	15,050.19
	* Additional item of Works							
3-b.	Haul Borrow	cu.m.		1,258.65		3.53	1,258.65	4,443.03
<b>TOTAL</b>					<b>4,585,400.79</b>			<b>4,585,401.49</b>
					Original Sum Involved in this Revision			4,585,400.79
					New Sum Involved in Revision			4,585,401.49
					Difference in Cost			(0.70)

Prepared by:

  
**MELVIN JAMES A. VALDEZ**  
Project In-Charge


Checked by:

  
**LEILANI C. DELA CRUZ**  
Sr. Engineer A

Submitted by:

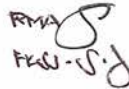
  
**CHARLIE D. IBARROLA**  
Division Manager A

Recommending by:

  
**GLORIOSA L. HERNANDEZ**  
Manager  
Eng'g & Operation Division

Approved by:

  
**ROMEO M. LOPEZ**  
Acting Regional Manager



## MASTELIST OF ITEM OF WORKS (Revised)

MAYOR RIS - Famy, Laguna  
UNDER NIS EXTENSION CY 2018

ACTIVITY	STATION		Length	Location	PARTICULAR ITEM OF WORKS										
	FROM	TO			Class "A" Concrete (L- Shape Ret. Wall)	Class "A" Concrete (Flume)	Class "A" Concrete (Ordinary)	Class "B" Concrete (Flooring)	Class "B" Concrete (Wall & Tie Beam )	18" dia RC Pipe	Concrete Demolition (Massive)	Manual Excavation	Manual Backfill w/ Spreading and compaction		Fabrication & Installation of Steelgae
					(cu.m)	(cu.m)	(cu.m)	(cu.m)	(cu.m)	(pcs.)	(cu.m)	(cu.m)	Side Borrow	Haul Borrow	
<b>1. CIVIL WORKS</b>															
<b>PROPOSED HEADGATE</b>															
<i>1000m AHID- Ricefield</i>															
Proposed Check Structure	0+000.00			WMC			0.88				0.72	0.63	0.54		
Prop. Fab. & Install. of Steelgate (WS=1260, HS=1050)	2+340.00													1.00	
Prop. Fab. & Install. of Steelgate (WS=660, HS=600)	0+000.00			EXTN										1.00	
<b>2. CANAL SYSTEM</b>															
<i>1000m-AIID</i>															
Proposed Canal Lining	0+001.00	0+155.25	154.25	WMC				17.25	25.25		20.62	20.62	65.33		
Proposed Canal Lining	0+379.55	0+518.25	138.70	EXTN.				15.51	22.63		27.05	27.05	54.57		
Proposed Canal Lining	0+525.30	0+924.00	398.70					44.57	62.20		238.27	133.79	-		
	0+518.25	0+916.95	691.65					77.33	110.08		285.94	181.46	119.90		
<i>700m AHID-Ricefield</i>															
Proposed Canal Lining	0+976.60	0+991.00	14.40	LAT. A2				1.05	1.62		1.87	1.87	1.77		
<b>3. PROPOSED ROAD CROSSING</b>															
<i>1000m AHID- Ricefield</i>															
	0+155.25	0+172.35	17.10	WMC	1.91		2.88			12.00	2.60	19.03	10.89		
	0+373.60	0+379.55	5.95	EXTN	-		2.20			4.00	1.00	2.41	2.41	0.54	
			23.05		1.91		5.08			16.00	3.60	21.44	13.30	0.54	
<b>4. PROPOSED ELEV. FLUME</b>															
	0+172.35	0+373.60	201.25								72.96	72.96	3.53		

Prepared by :

**MELVIN JAMES A. VALDEZ**  
Project-in-Charge

Checked by:

**LEILANI DE LA CRUZ**  
Sr. Engineer A

Approved by:

**CHARLIE D. IBARROLA**  
Division Manager A

Noted by:

**ROMEO M. LOPEZ**  
Acting Regional Irrigation Manager

GLH  
RMA  
FKC